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(54) Title: DYEING COMPOSITION WITH A BRIGHTENING EFFECT FOR HUMAN KERATINOUS FIBRES

(54) Titre : COMPOSITION DE TEINTURE A EFFET ECLAIRCISSANT POUR FIBRES KERATINIQUES HUMAINES

(57) Abstract: The invention relates to a cosmetic dyeing composition that is used to lighten human keratinous matter and, more specifically, artificially coloured or pigmented hair and dark skin. The inventive composition comprises at least one fluorescent dye. The invention also relates to the methods using said composition.

(57) Abrégé : L'invention concerne une composition cosmétique pour colorer avec un effet éclaircissant les matières kératiniques humaines et plus particulièrement les cheveux pigmentés ou colorés artificiellement et la peau foncée, comprenant au moins un colorant fluorescent, et les procédés mettant en œuvre cette composition.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 02/03252

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K7/13

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	DE 100 29 441 A (HENKEL KGAA) 3 January 2002 (2002-01-03) the whole document	1
X	DE 199 26 377 A (HENKEL KGAA) 14 December 2000 (2000-12-14) the whole document	1-29, 37
X	EP 0 370 470 A (ESTEE LAUDER INC.) 30 May 1990 (1990-05-30) claims 1,9-12; example 3	1
X	EP 0 445 342 A (ESTEE LAUDER INC) 11 September 1991 (1991-09-11) claims 1,15	1
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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8 document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 188 639 A (T. SCHULTZ ET AL.) 23 February 1993 (1993-02-23) the whole document ---	1
X	US 5 356 438 A (C. KIM ET AL.) 18 October 1994 (1994-10-18) the whole document ---	1
X	WO 01 62759 A (WELLA A6) 30 August 2001 (2001-08-30) claim 1; example 5; table 1 ---	1

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 02/03252

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
DE 10029441	A 03-01-2002	DE AU WO	10029441 A1 6753501 A 0197765 A1	03-01-2002 02-01-2002 27-12-2001
DE 19926377	A 14-12-2000	DE AU WO	19926377 A1 5810600 A 0076466 A1	14-12-2000 02-01-2001 21-12-2000
EP 370470	A 30-05-1990	CA DE DE EP JP US US	2003346 A1 68910477 D1 68910477 T2 0370470 A2 2200612 A 5143723 A 5324506 A	23-05-1990 09-12-1993 07-04-1994 30-05-1990 08-08-1990 01-09-1992 28-06-1994
EP 445342	A 11-09-1991	US CA DE DE EP HK JP US	5143723 A 2013429 A1 69006347 D1 69006347 T2 0445342 A1 1001553 A1 3258712 A 5324506 A	01-09-1992 05-09-1991 10-03-1994 11-05-1994 11-09-1991 26-06-1998 19-11-1991 28-06-1994
US 5188639	A 23-02-1993	US	5094662 A	10-03-1992
US 5356438	A 18-10-1994	CN FR JP JP JP KR	1085422 A 2696930 A1 2056989 C 6128128 A 7080746 B 9609640 B1	20-04-1994 22-04-1994 23-05-1996 10-05-1994 30-08-1995 23-07-1996
WO 0162759	A 30-08-2001	AU WO EP	7207801 A 0162759 A1 1185531 A1	03-09-2001 30-08-2001 13-03-2002